

HOLT LLOYD CORP -- LPS HEAVY-DUTY BRAKE CLEANER -- 9150-00-175-9154

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Product Identification
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Product ID:LPS HEAVY-DUTY BRAKE CLEANER

MSDS Date:03/01/1989

FSC:9150

NIIN:00-175-9154

MSDS Number: BMBSW

=== Responsible Party ===

Company Name:HOLT LLOYD CORP

Address:4647 HUGH HOWELL ROAD

City:TUCKER

State:GA

ZIP:30084-5096

Country:US

Info Phone Num:404-934-7800

Emergency Phone Num:404-934-78

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Preparer's Name:JOE TARPLEY

CAGE:32861

=== Contractor Identification ===

Company Name:HOLT LLOYD CORP

Address:4647 HUGH HOWELL RD

Box:City:TUCKER

State:GA

ZIP:30084-5004

Country:US

Phone:404-934-7800

CAGE:32861

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Composition/Information on Ingredients
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Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)

CAS:71-55-6

RTECS #:KJ2975000

Fraction by Wt: >90%

Other REC Limits:NONE SPECIFIED

OSHA PEL:350 PPM/450 STEL

ACGIH TLV:350 PPM/450STEL;9192

EPA Rpt Qt

y:1000 LBS
DOT Rpt Qty:1000 LBS
Ozone Depleting Chemical:1

Ingred Name:CARBON DIOXIDE
CAS:124-38-9
RTECS #:FF6400000
Fraction by Wt: 3%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5000 PPM
ACGIH TLV:5000PPM/30000STEL;93

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 10300 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION- BL
OOD PRESSURE
DEPRESSION, IRREGULAR HEARTBEAT, UNCONSCIOUSNESS AND DEATH. EYES-
IRRITATION. CORNEAL INJURY. SKIN- DEFATTING, DRYING. INGESTION-
STOMACH DISTRESS. CHRONIC: LIVER AND KIDNEY DISEASE.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: DIZZINESS, DROWSINESS, AND THROAT
IRRITATION. EYES: TEARING. SKIN: ITCHING. DRYING, CRACKING.
INGESTION; NAUSEA, VOMITING.
Medical Cond Aggravated by Exposure:LIVER DISEASE AND RHYTHM DISORDERS
OF THE HEART.

===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION.
EYES: FLUSH WITH PLENTY OF WATER. SEE DOCTOR. SKIN: WASH WITH SOAP
AND WATER. APPLY MEDICATED CREAM. INGESTION: DO NOT INDUCE
VOMITING. GET IMM EDIATE MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point:NONE
Lower Limits:7.5 %
Upper Limits:15 %
Extinguishing Media:WATER, DRY CHEMICAL, CARBON DIOXID

E, FOAM

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:CONCENTRATED VAPORS CAN BE IGNITED BY HIGH INTENSITY IGNITION SOURCES. INTENSE HEAT MAY CAUSE AEROSOL CANS TO EXPLODE.

===== Accidental Release Measures =====

Spill Release Procedures:ISOLATE AREA. VENTILATE AREA. CONTAIN SPILL. ABSORB WITH INERT ABSORBENT MATERIAL. SCOOP UP AND PLACE IN CONTAINER FOR DISPOSAL. DO NOT F

LUSH TO SEWER. CONTACT LOCAL ENVIRONMENTAL MANAGER.

Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Precautions:STORE BELOW 120F AND ABOVE 32F. STORE IN A COOL, DRY AND WELL VENTILATED PLACE.

Other Precautions:AVOID BREATHING VAPORS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR IF REGULATORY LIMITS EXCEEDED.

Vent

ilation:DO NOT USE IN CONFINED OR CLOSED AREAS. USE ADEQUATE MECHANICAL VENTILATION TO KEEP BELOW 350 PPM.

Protective Gloves:PVA, VITON

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS WITH SOAP AND WATER AFTER USE AND BEFORE BREAKS.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:V2

Boiling Pt:=72.2C, 162.F

Vapor Pres:100

Vapor Dens

ity:4.6
Spec Gravity:1.32
Evaporation Rate & Reference:0.4 (ETHYL ETHER= 1)
Solubility in Water:0.7 GM/100 GM
Appearance and Odor:CLEAR, COLORLESS LIQUID WITH SWEET ODOR
Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG ALKALIS, STRONG OXIDIZING AGENTS AND REACTIVE METALS.
Stability Condition to Avoid:AVOID IGNITION SOURCES SUCH AS SPARKS,
FLAMES, AND OTHER HIGH TEMPERATURES.
Hazardous D
ecomposition Products:HYDROGEN CHLORIDE AND SMALL AMOUNTS OF
PHOSGENE.

===== Disposal Considerations =====

Waste Disposal Methods:CONTACT LOCAL ENVIRONMENTAL MANAGER.
MANUFACTURER STATES RECLAIM OR INCINERATE. DISPOSE OF IN ACCORDANCE
WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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